



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	Roots
	Shoots
OTHER MEANS OF IDENTIFICATION:	Culture line
RECOMMENDED USES:	Prepared mixture for lab culture media
RECOMMENDED RESTRICTIONS:	For laboratory use only
SUPPLIER IDENTIFIER:	Athena Ag, Inc., 1300 Marsh Landing Parkway, #106 Jacksonville Beach, FL, 32250 Phone: 1 (8 1 8) 3 3 3 - 1 8 1 8 Email : compliance@athenaag.com
EMERGENCY PHONE NUMBER:	INFOTRAC Within Continental US & Canada: 1 (800) 535-5053 International: + 001 (352) 323-3500

SECTION 2: HAZARD IDENTIFICATION

GHS CLASSIFICATION:	Not classified as hazardous.
HAZARD STATEMENTS:	Not classified as hazardous.
PICTOGRAM:/ SIGNAL WORD:	See Section 15
PRECAUTIONARY STATEMENTS GENERAL:	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
PREVENTION:	P264: Wash thoroughly P280: Wear eye protection, gloves
RESPONSE:	P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353: IF ON SKIN (or hair). Rinse skin With water/shower P321: For specific treatments see FIRST AID section on SDS or label
STORAGE: DISPOSAL:	P410: Protect from sunlight. P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PROPORTION IN FINAL PRODUCT
Proprietary culture media mixture	N/A	100%

SECTION 4: FIRST AID MEASURES

FOLLOWING INHALATION:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration. Call poison control center or doctor for treatment advice center or doctor for treatment advice.

FOLLOWING SKIN CONTACT:

Take off contaminated clothing. Rinse skin Immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

FOLLOWING EYE CONTACT:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice and then continue rinsing. Call a poison control center or doctor for treatment advice.

FOLLOWING INGESTION:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

GENERAL INFORMATION:

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Treat symptomatically based on judgment of doctor and individual reactions of patient.

**SECTION 5: FIRE FIGHTING MEASURES****HAZARDOUS THERMAL DECOMPOSITION:**

THIS PRODUCT IS NOT FLAMMABLE.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

No special measures required.

SECTION 6: ACCIDENTAL RELEASE MEASURES**PROTECTIVE MEASURES:**

Wearing personal protective clothing, goggles, and gloves. Absorb the liquid and wash area with soap and water.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

N/A

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 7: HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes skin and clothing. Avoid breathing vapor or mist. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist.



**CONDITIONS FOR SAFE STORAGE,
INCLUDING ANY
INCOMPATIBILITIES:**

KEEP OUT OF REACH OF CHILDREN.
Store in a dry area, above freezing and below 95°F, and out of direct sunlight. Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Do not reuse container.

MATERIALS TO AVOID:

N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE/FACE PROTECTION:

Protective Eye.

SKIN PROTECTION:

Chemical-resistant, impervious gloves
Long-sleeved shirt, socks and shoes.

RESPIRATORY PROTECTION:

Should not be needed under normal conditions. Use with adequate ventilation. NIOSH approved respirator when in contact with dust, mists or vapor.

WORK PRACTICES:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before Reusing.

COMPONENT ACHIH, NIOSH, OSHA:

Not established.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colored powder
PHYSICAL STATE:	Solid
ODOR:	None
ODOR THRESHOLD:	Not determined
pH:	Not determined
MELTING/FREEZING POINT:	N/A
INITIAL BOIL POINT/RANGE:	100°C
FLASH POINT:	N/A
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS:	Not available
VAPOR PRESSURE:	Same as water
VAPOR DENSITY (AIR=1):	Not available
SOLUBILITY:	No available
PARTITION COEFFICIENT, N-OCTANOL/WATER (LOG/KOW):	Not available
AUTO-IGNITION TEMPERATURE:	N/A
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY & CHEMICAL STABILITY:

Stable

CONDITIONS TO AVOID:

Open flames or other high temperature sources. Which might induce thermal decomposition

HAZARDOUS DECOMPOSITION PRODUCTS:

Not expected.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL DATA:	No components are considered toxic.
EYE IRRITANT:	Slight irritant
INHALATION:	No data available
INGESTION:	No data available
SKIN CORROSION/IRRITATION:	Non Irritating

SAFETY DATA SHEET



LIKELY ROUTES OF EXPOSURE:	Dermal, ingestion inhalation
SYMPTOMS AND EFFECTS:	ACUTE EFFECTS:
Eye contact:	Eye irritation
Skin contact:	May irritate skin
Ingestion:	May be harmful if swallowed
Inhalation:	May cause respiratory tract irritation

SECTION 12: ECOLOGICAL INFORMATION

ECO TOXICITY:	Non-toxic
PERSISTENCE AND DEGRADABILITY:	N/A
MOBILITY IN SOIL:	N/A
ENVIRONMENTAL FATE:	N/A
BIOACCUMULATIVE POTENTIAL:	N/A
OTHER ADVERSE EFFECTS:	N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES/UNUSED PRODUCTS:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAMINATED PACKAGING:

Rinse empty containers with clean water and treat the effluent the same as waste. Clean and empty containers are to be recycled or disposed of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT:	Not regulated as hazardous material.
IMO:	Not regulated as hazardous material.
IATA:	Not regulated as hazardous material.
RID/ADR:	Not regulated as hazardous material.
CANADIAN TDG:	Not regulated as hazardous material.
ENVIRONMENTAL HAZARDS	
MARINE POLLUTANT:	N/A
SPECIAL PRECAUTIONS:	Read safety instructions, SDS and emergency procedures before handling.

SAFETY DATA SHEET



SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

PROPOSITION 65 (CA)

Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA SECTION 12(B) EXPORT NOTIFICATION (40 CFR 707, SUBPT. D):

Not regulated

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4):

Not applicable

SARA 304 EMERGENCY RELEASE NOTIFICATION:

Not regulated

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):

Not listed

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) HAZARD CATEGORIES:

Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE:

Not listed

SARA 311/312 HAZARDOUS CHEMICAL:

Immediate (acute)

SECTION 16: OTHER INFORMATION

DATE OF LAST REVISION:

December 2022

To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither Athena nor any of its affiliates make any warranty, expressed or implied, or accept any liability in connection with the information or its use. The information



is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability or any information or materials for any contemplated use, the manner or use and whether any patents are infringed.

For additional information, call us toll-free at 1.844.333.1818 or visit www.athenaag.com





Athena Ag, Inc.
1300 Marsh Landing Parkway, #106
Jacksonville Beach, FL, USA, 32250
Telephone: (818) 333-1818

Product Identifier: Athena Roots
 Athena Shoots

Recommended Uses: Prepared mixture for lab culture media

Recommended Restrictions: For laboratory use only

Supplier: Athena Ag, Inc.
 1300 Marsh Landing Parkway, #106
 Jacksonville Beach, FL, 32250

Supplier's telephone: 1 (818) 333-1818

This product is not classified as hazardous and does not require a Safety Data Sheet (SDS) under the Occupational Health and Safety Administration Standard, entitled "Hazard Communication" 29 CFR 1910.1200 for the United States of America.

This information has been generated by Athena and bears no signature.